

Lee Teng

Symposium and Banquet

LEE C. TENG

Argonne National Laboratory, Argonne, Ill.

February 24, 2005

Please join us to recognize Lee's scientific accomplishments and contributions to the field of Accelerator Physics during his 57 years of service and to celebrate his recent retirement.

2:30 p.m. Registration (Bldg. 402 Atrium)

3:00 p.m. Symposium (Bldg. 402 Auditorium)

5:30 p.m. Reception and Banquet at Argonne Guest House

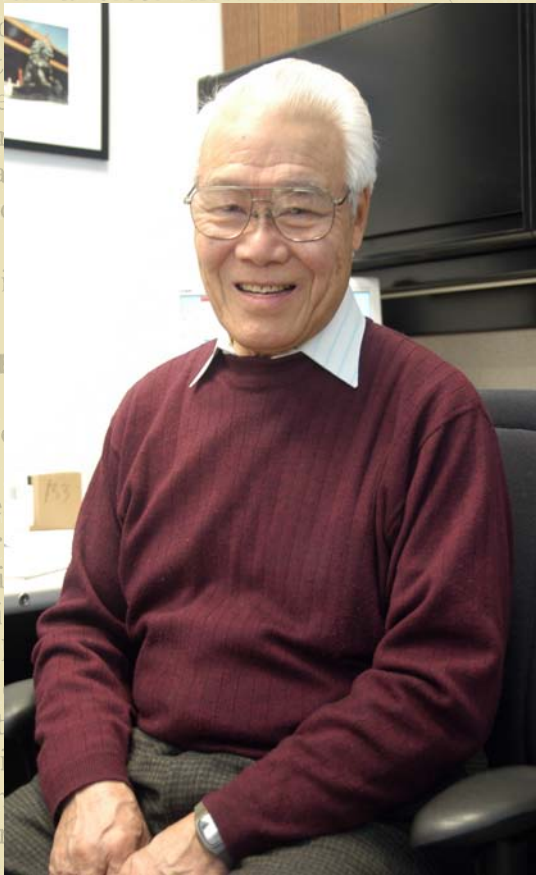
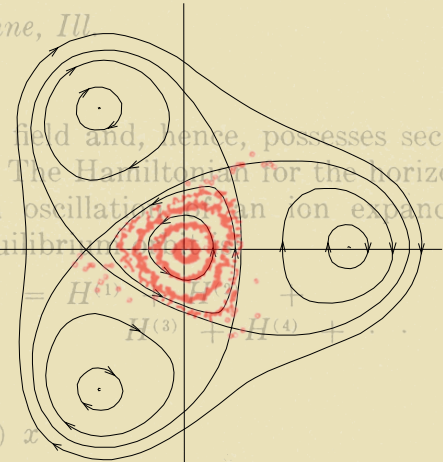


Photo by Richard Fenner.
Background paper from Proc. Intern. Conf. on High Energy Accelerators,
Brookhaven, 1961.



the intrinsic field and, hence, possesses sector symmetry. The Hamiltonian for the horizontal betatron oscillation can be expanded about its equilibrium

$$H(x, p_x; \theta) = H^{(1)} + H^{(2)} + H^{(3)} + H^{(4)} + \dots \quad (1)$$

where

$$H^{(1)} = (\Delta\mu) x^2 \quad (2)$$

$$H^{(2)} = \frac{1}{2} p_x^2 + \frac{1}{2} (\Delta\nu) x^2$$

$$H^{(3)} = \frac{1}{2} \mu x p_x^2 + \frac{1}{6} (2\mu\nu + \lambda + 2\mu\Delta\nu + \Delta\lambda) x^3$$

$$H^{(4)} = \frac{1}{24} (3\mu\lambda + \sigma + 3\mu\Delta\lambda + \Delta\sigma) x^4$$

If you would like to attend, please see our web site (URL below) for registration and lodging information.

To contribute toward a gift for Lee, please contact Mary Kay Jakovich at RSVP-Teng@aps.anl.gov

Deadlines:

February 11, 2005 (lodging)

February 15, 2005 (registration)

Organizing Committee

W. Chou, FNAL

C. Eyberger, ANL

R. Gerig, ANL

K. Harkay, ANL

S. Holmes, FNAL

K. Jaje, ANL

M. Jakovich, ANL

R. Lanham, ANL

S. Milton, ANL

A. Nassiri, ANL

Your best wishes or kind thoughts may be sent to messages-Teng@aps.anl.gov

For more information see <http://www.aps.anl.gov/asd/teng/symposium.htm>
or send email to RSVP-Teng@aps.anl.gov